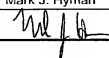


10860 U.S. PTO
03/07/02

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Approved for use through 10/31/2002 OMB 0651-0032
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

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UTILITY PATENT APPLICATION TRANSMITTAL <small>(Only for new nonprovisional applications under 37 CFR 1.53(b))</small>		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Attorney Docket</td> <td style="width: 50%;">PTZ28C1</td> </tr> <tr> <td>First Inventor</td> <td>Rosen et al.</td> </tr> <tr> <td>Title</td> <td>Nucleic Acids, Proteins, and Antibodies</td> </tr> <tr> <td>Express Mail Label</td> <td></td> </tr> </table>		Attorney Docket	PTZ28C1	First Inventor	Rosen et al.	Title	Nucleic Acids, Proteins, and Antibodies	Express Mail Label	
Attorney Docket	PTZ28C1										
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Title	Nucleic Acids, Proteins, and Antibodies										
Express Mail Label											
APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents		ADDRESS TO: Box Patent Application Commissioner for Patents Washington, DC 20231									
1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) <small>(Submit an original, and a duplicate for fee processing)</small> 2. <input type="checkbox"/> Applicant claims small entity status. <small>See 37 CFR 1.27.</small> 3. <input checked="" type="checkbox"/> Specification [Total Pages 436] <small>(preferred arrangement set forth below)</small> <ul style="list-style-type: none"> - Descriptive title of the invention - Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, in table, or a computer program listing appendix - Background of the invention - Brief Summary of the invention - Brief Description of the Drawings (if filed) - Detailed Description - Claims - Abstract of the Disclosure 4. <input type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets] 5. Oath or Declaration [Total Pages 5] <ul style="list-style-type: none"> a. <input type="checkbox"/> Newly executed (original or copy) b. <input checked="" type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) <small>(for continuation/divisional with Box 18 completed)</small> i. <input type="checkbox"/> DELETION OF INVENTOR(S) <small>Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.53(e)(2) and 1.33(b)</small> 6. <input checked="" type="checkbox"/> Application Data Sheet. See 37 CFR 1.76 (7 pages)		7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix) 8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) a. <input checked="" type="checkbox"/> Computer Readable Form (CRF) b. Specification Sequence Listing on i. <input type="checkbox"/> CD-ROM or CD-R (2 copies), or ii. <input type="checkbox"/> paper c. <input checked="" type="checkbox"/> Statements verifying identity of above copies									
18. If a CONTINUING APPLICATION , check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76 <input checked="" type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP) of prior application No. 09/764,903 <small>Prior application information. Examiner Clow, L. Group / Art Unit: 1631</small>		ACCOMPANYING APPLICATIONS PARTS 9. <input type="checkbox"/> Assignment Papers (cover sheet & document(s)) 10. 37 CFR § 73(b) Statement <input checked="" type="checkbox"/> Associate Power of Attorney <small>(when there is an assignee)</small> 11. English Translation Document (if applicable) 12. Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations 13. Preliminary Amendment 14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) <small>(Should be specifically itemized)</small> 15. <input type="checkbox"/> Certified Copy of Priority Document(s) <small>(if foreign priority is claimed)</small> 16. <input type="checkbox"/> Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i) 17. <input checked="" type="checkbox"/> Applicant must attach form PTO/SB/35 or its equivalent <div style="border: 1px solid black; padding: 2px;"> 1. Statement Under 37 C.F.R. § 1.821 2. Transmittal and Submission Under 37 C.F.R. §§ 1.824 and 1.52(e) </div>									
19. CORRESPONDENCE ADDRESS											
<input checked="" type="checkbox"/> Customer Number or Bar Code Label		22195									
Name		or <input type="checkbox"/> Correspondence address below									
Address											
City		State									
Country		Zip Code									
Telephone		Fax									
Name (Print/Type) Mark J. Hyman		Registration No. (Attorney/Agent) 46,789									
Signature 		Date March 7, 2002									

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FEE TRANSMITTAL for FY 2002 <i>Patent fees are subject to annual revision.</i>		Complete if Known																																																																																																																																																																																								
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The Commissioner is hereby authorized to: <i>(check all that apply)</i> <input checked="" type="checkbox"/> Charge fees indicated below <input checked="" type="checkbox"/> Credit any overpayments <input checked="" type="checkbox"/> Charge any additional fees during the pendency of this application <input type="checkbox"/> Charge fees indicated below, except for the filing fee to the above-identified deposit account.		Examiner Name	Not Yet Assigned																																																																																																																																																																																							
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SUBMITTED BY Name (Print/Type) Mark J. Hyman Signature		Complete (if applicable) Registration No. (Attorney/Agent) 46,789 Telephone (240) 314-1224 Date March 7, 2002																																																																																																																																																																																								

VIA HAND DELIVERY MARCH 7, 2002

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Rosen et al. Attorney Docket No.: PTZ28C1
Application Serial No.: Not Yet Assigned Art Unit: Not Yet Assigned
Filed: Herewith Examiner: Not Yet Assigned
Title: Nucleic Acids, Proteins, and Antibodies

STATEMENT UNDER 37 C.F.R. § 1.821

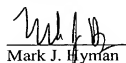
Commissioner for Patents
Washington, D.C. 20231

Sir:

Pursuant to 37 C.F.R. § 1.821(f), Applicants hereby certify that the sequence listing information recorded in computer readable form and submitted herewith is identical to the written (on compact disc) Sequence Listing submitted herewith.

Respectfully submitted,

Dated: March 7, 2002


Mark J. Hyman

Attorney for Applicants

Reg. No. 46,789

Human Genome Sciences, Inc.
9410 Key West Avenue
Rockville, MD 20850
Telephone: (240) 314-1224

Enclosures

VIA HAND DELIVERY MARCH 7, 2002

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Rosen et al.

Attorney Docket No.: PTZ28C1

Application Serial No.: Not Yet Assigned

Art Unit: Not Yet Assigned

Filed: Herewith

Examiner: Not Yet Assigned

Title: Nucleic Acids, Proteins, and Antibodies

**TRANSMITTAL AND SUBMISSION UNDER
37 C.F.R. §§ 1.824 AND 1.52(e)**Commissioner for Patents
Washington, D.C. 20231

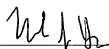
Sir:

In accordance with 37 C.F.R. §§ 1.821(e) and 1.824, Applicants submit herewith a Sequence Listing satisfying the computer readable format requirements on a compact disc (CD-R) labeled "CRF." Applicants submit concurrently herewith a Statement Under 37 C.F.R. § 1.821.

Additionally, in accordance with 37 C.F.R. §§ 1.52(e), 1.821, and 1.823, Applicants submit herewith a Sequence Listing as an electronic document on two identical compact discs (CD-R). Applicants certify under 37 C.F.R. § 1.52(e)(4) that these two compact discs, labeled "Copy 1" and "Copy 2," are identical. These compact discs, formatted for an IBM-PC machine and compatible with the MS-Windows operating system, each contain the file "PTZ28C1_seqList.txt" (159,255 bytes in size, created March 6, 2002).

Respectfully submitted,

Dated: March 7, 2002



Mark J. Hyman
Attorney for Applicants

Reg. No. 46,789

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